



### **NC Geological Survey Initiative 2022 - Raleigh, North Carolina.**

#### **ABOUT OUR AGENCY**

The NC Department of Environmental Quality (DEQ) is the lead stewardship agency for the protection of North Carolina's environmental resources. The organization, administers regulatory programs designed to protect air quality, water quality, and the public's health, and also works to advance an all-of-the-above energy strategy that fits North Carolina's needs. DEQ also offers technical assistance to businesses, farmers, local governments, and the public and encourages responsible behavior with respect to the environment through education programs provided at DEQ facilities and through the state's school system. As new technologies, processes or industry operations are proposed to be implemented in North Carolina, DEQ regulatory agencies may be requested to examine the collective impact of such projects on the environment and surrounding communities.

#### **ABOUT THE DIVISION**

The Division of Energy, Mineral, and Land Resources seeks to promote the wise use and protection of North Carolina's land and geologic resources. The division regulates and provides technical assistance related to mining, dams, sediment and erosion control and stormwater management.

The program will run approximately 10 weeks starting on or around May 16, 2022.

Read more about our agency here: <https://deq.nc.gov/>

#### **JOB DESCRIPTION**

The North Carolina Geological Survey (NCGS) develops and manages a tremendous amount of geologic and mapping data and products. The NCGS has shifted to largely electronic storage of data and products but also retains hard copy products as back up to the electronic

resources. The primary project for this internship is to design a new system to make accessing the hard copy publications in the NCGS library easier to do.

### **MAJOR DUTIES**

- Organizing and inventorying the collection of USGS topographic maps in our basement office.
- Observe and assist the NCGS cartographer with geologic maps in ArcPro.
- Accompany field geologists to observe how they take measurements that form the basis for geologic maps.
- Assist the education and outreach coordinator with organization of NCGS digital map products on the NCGS website

### **POSITION QUALIFICATIONS:**

- Applicants must be at least 18 years' old
- 2.0 Major GPA
- Graduation date of May/December 2022, rising Junior or senior, or graduate student.
- Currently enrolled in undergraduate or graduate program.
- Desired Majors: Library and Informational Studies, Geography, Geographic Information Systems Mapping, Geology or Web design.

### **MANAGEMENT DESIRED QUALIFICATIONS**

- The ability to organize complex and large volumes of material and maps.
- The ability to develop/manage websites.
- The ability to conduct field work and assist in data gathering with field geologists

### **SPECIAL NOTES**

- Housing & Travel allowance is not provided
- Summer hourly rate is \$15.00
- Pay cycle is bi-weekly
- Summer opportunity will be approximately 10 weeks
- Summer opportunity will work up to 40 hours each week

### **APPLICATION INSTRUCTIONS**

- Send resume and cover letter to [DEQInternships@ncdenr.gov](mailto:DEQInternships@ncdenr.gov) with **Subject Line: NC Geological Survey Application**
- **Application deadline of 4/18/2022 5PM (or may remain open until we have suitable applicant pool)**

**Important Dates:**

- **4/18/22 – Application Deadline (or may remain open until we have a suitable applicant pool)**
- **4/19/22 – Resumes will be forward to Hiring Managers**
- **4/20/22 – 4/27/22 – Interviews (schedules permitting)**
- **5/16/22 – 7/22/22 – STEP Assignment Dates (approximate start/ end dates, flexible)**

**QUESTIONS?** Please contact NC Department of Environmental Quality, HR

[DEQInternships@ncdenr.gov](mailto:DEQInternships@ncdenr.gov)